

## COMMUNICATION CONTROL METHOD AND DEVICE

### ABSTRACT

5 A method and device for communication control. It is an object to provide an improved method  
and device which can be used with a range of standard communication facilities. A method and  
device are provided for controlling communication through a data network or bus. The data  
network or bus includes a data source and a transmission facility subdivided into a plurality of  
different channels. A subset of the plurality of channels is determined which the data source is  
10 allowed to seize. A data stream originating from the data source is transformed into a format  
permitting concurrent transmission over the subset of channels. Finally, the transformed data is  
transmitted concurrently over the subset of channels. The principles taught provide a method and  
device which allow one to utilize the provided bandwidth of a bus or network very efficiently  
leading to a higher statistical availability of data transport capacity.